have made them the base of their diet; for this reason they were nicknamed acridophages. The Nasamonians of Herodotus prepared them in the same way the Tuareg do, and the /236/ similar diets of the two peoples is perhaps not pure coincidence.

There are a few fish ponds in the Ahaggar, but the Imochar and the Imrad do not eat the flesh of these animals; only the Issekkemaren catch barbels and sometimes catfish, or rather they gather them up in the wadis after floods, for they do not know how to fish, properly speaking.

The sedentary peoples raise chickens, but the Tuareg do not eat them either, since they consider the meat impure. The same interdict is extended to eggs. The only bird which is an exception is the ostrich. There are no longer any ostriches in the Sahara, but when the Ihaggaren go to the Sudan they capture them if they have the chance; in addition, they eat ostrich eggs cooked in the ashes.

Times of scarcity were sometimes experienced. They are rare now that caravans can circulate freely, but they were much more frequent when the state of war continued for a long time. The Tuareg fell back on wild plants which do not generally enter into their diet: the young growths of tahlé (Typha elephantina), the leaves of the tanekfit (Eruca aurea) and the aramas (Atriplex halimus), the underground stems of the danoun (Cistanche lutea) which resembles asparagus, and many other plants of very dubious food value, which they ate to assuage their hunger. The state of famine can become so pronounced that they sometimes gather up old bones, grind them up, reduce them to flour, and make gruels of them. It goes without saying that it is during these periods that pillaging is at its height. People steal from camp to camp, from tribe to tribe, and everyone forgets his brother and his friend, thinking of only one thing -- survival by any means.

224 The administration fortunately has decided to confiscate these [411 648] weapons.

It is very difficult to get an exact idea of the number of animals killed annually by hunters. But we believe we are close to accurate in giving the figure 300. Thus we say that hunting holds a very small place in Ahaggar Tuareg economy.

•236 Fishing. -- Fishing is not done by the Tuareg for the reasons [184] we have given. Only the Issekkemâren and the Iklan engage in it. They fish when the pond water is very low. In the Tassili they dig little ditches on the lower side at water level, leading to little reservoirs where the fish find refuge and are then surely caught.

[251] When fishing has been fruitful, the Issekkemâren dry the fish to keep them for periods of scarcity.

/244/ Chapter 5

Agriculture

241 The Ahaggar Tuareg have never attached more than a very secondary importance to agriculture. Their nomadic turn of mind is at the opposite pole from land ownership and still more from exploiting it, which implies sedentary life. There are, however, a number of centers of cultivation in their country; they are of undeniable interest and could be extended more widely if improper legislation did not hinder their development.

177 The creation of most of these centers of cultivation does not go back more than a century. It was accomplished under the in-
241 fluence of Arab groups settled in the Ahaggar. Only the Silet and Tibeghîn oases are much older and probably date from the time of the Imanan sultans who had brought into the Ahaggar some

7:Nicolaisen E-5 (1951-1962) 1963 MS25 Tuareg MS25

224 Tuareg are also aware of the use of poison. I have gathered no information about this myself, but
[829] Lhote states that certain poisonous grain is used for the destruction of jackals and small rodents (Lhote 1951a, p. 43 f. & 132).

● 226 It is obvious that fishing cannot be an important industry to people of the Sahara, but fishing is practised in certain areas. One species of fish (*Clarias Lazera*) is found in a few permanent pools of Central Ahaggar, but it is particularly common in the numerous permanent ponds of Tasilé-n-Ajjer, where there is also another, perch-like species. I have myself caught and eaten both species. Duveyrier states that there are three distinct species in Tasilé-n-Ajjer:— (1) *asoulmeh* (*asulmey*) (*Clarias Lazera*); (2) *isattafen* (*i-settefen*); (3) *imanan* (pl. *imenan*) (Duveyrier 1864, p. 227, 238). Fishing is described
[262] [565] by Duveyrier as follows: "Les poissons des lacs de Mihero donnent lieu à une pêche qui contribue à l'alimentation des serfs riverains. A cet effet, ils creusent sur les bords des lacs de petits canaux étroits, aboutissant à des réservoirs dans lesquels les poissons viennent pour y chercher une nourriture qu'ils ne trouvent pas dans les profondeurs des lacs. Quand ils y sont entrés on renferme les conduits et on les prend" (Duveyrier 1864, p. 238 f.). Another fishing method is described by Lhote: "Ils construisent des espèces de fascines avec des tiges de mrokba ou des branches de tamarix, puis, entrant à plusieurs dans l'eau ils forment une espèce de barrage au moyen de ces fascines en les mettant bout à bout et les poussent ensuite doucement devant eux. Ils prennent bien soin de draîner le fond de sorte que le poisson soit systématiquement chassé. Lorsqu'ils arrivent près de la rive opposée à celle d'où ils sont partis, ils poussent rapidement par un dernier effort et éjectent le poisson sur le sable ou ils le ramassent. Ils recommencent ce manège plusieurs fois jusqu'à ce qu'ils aient capturé la majorité des poissons" (Lhote 1951a, p. 53). In Tasilé-n-Ajjer I was told about a third fishing method, namely the use of a piece of cotton (e.g., an old cotton shirt) attached to two poles. The cotton piece serves as a net over which the fish are led. There seem to be no other fishing methods, as both the fish-hook and the harpoon are unknown.

AYR

136 The Ayr Massif with adjacent plains is very rich in game in comparison with the true desert country inhabited by the Northern Tuareg. Barbary sheep (*éjital*; *Ammotragus lervia Ajjusi*) are common in the mountains and also south of the Massif around the cliff known as *Falaise de Tigeddi*. Gazelle (*achenkod*; *Gazella dorcas* sp.) (*énir*; *Gazella dama permista*) and the addax antelope (*amellul*; *Addax nasomaculatus*), which are found in Northern Tuareg countries, are more abundant in Ayr where there are also bigger types of game, notably the oryx antelope (*ézem*; *Aegoryx algazel algazel*), and the giraffe (*amder*; *Giraffa camelopardalis*) which is found south and southwest of the Massif (e.g., around Ingal and Aderbissinat). The ostrich (*énhal*; *Struthio camelus*) is still very common in isolated regions of Ayr including the northern outskirts of the mountains, where I have seen flocks of more than twenty birds. There are in Ayr as mentioned above (p. 31) many bird species which are unknown or rare further north in the desert, e.g., the guinea fowl (*taylalt*; *Numida clappertoni clappertoni*) and a bustard species (*agayis*; *Choriotis arabs stieberi*). Game birds are extremely abundant in certain parts of Ayr. The birds come in amazing numbers to waterholes and open wells to drink in the evening at